

**B PHARM**  
**(SEM III) THEORY EXAMINATION 2018-19**  
**PHARMACOGNOSY-II**

Time: 3 Hours

Total Marks: 100

Note: 1. Attempt all Sections.

**SECTION A**

1. Attempt *all* questions in brief. 2 x 10 = 20
- What ~~is~~ *tridosh* theory in Ayurveda?
  - What is the difference between red & white ginseng?
  - Define resins.
  - What are biological sources of cardamom and jute?
  - Write pharmacognosy of Clove.
  - What is Law of *similia* in Homeopathy?
  - Enlist methods of extraction of volatile oils.
  - What are two forms ginseng?
  - What are biological sources of Lemongrass and wool?
  - What is the principle of Cleavenger apparatus?

**SECTION B**

2. Attempt any *three* of the following: 10 x 3 = 30
- Discuss in detail principles of Ayurvedic system of medicine.
  - Write biological source, chemical constituents & uses of Ashwagandha and Talc.
  - Discuss detailed pharmacognosy of turmeric and diastase.
  - Write biological source, microscopy, chemical constituents & uses of coriander and cotton.
  - Discuss methods of determination of pesticide residues.

**SECTION C**

3. Attempt any *one* part of the following: 10 x 1 = 10
- Discuss in detail about Unani System of medicine.
  - What is the formulation of *Arishtha* & *Asavas*?
4. Attempt any *one* part of the following: 10 x 1 = 10
- Write note on Guggulipid and neem.
  - Discuss about few natural colours.
5. Attempt any *one* part of the following: 10 x 1 = 10
- Discuss pharmacognosy of cannabis and ginger.
  - Write a detailed note on Papain. What is its chemical identification test.
6. Attempt any *one* part of the following: 10 x 1 = 10
- Write biological source, chemical constituents & uses of Fennel. Draw a well labeled diagram of transverse section of Fennel.
  - Write a note on cumin and eucalyptus.
7. Attempt any *one* part of the following: 10 x 1 = 10
- Write a note on radioactive contamination in medicinal plant materials.
  - Discuss significance and methods of determination of microorganisms in plant drugs.